



Material - SAE Monel 400

Standard Specification for Nickel-Copper Alloy, Corrosion Resistant Sheet, Strip and Plate

Group - Non-Ferrous Nickel Alloys

Sub Group - SAE Monel 400 Nickel-Copper Alloy, Corrosion Resistant Sheet, Strip and Plate

Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries

Grade Belongs to the Industry - Sheet, Strip and Plate

Chemical Composition			Heat Treatment	
Carbon	C %	0.300 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.024 max.		
Manganese	Mn %	2.000 max.		
Iron	Fe %	2.500 max.		
Sulphur	S %	0.024 max.		
Nickel	Ni %	63.000 - 70.000		
Copper	Cu %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	483 - 1173
-	-	-	Yield Strength in Mpa	172 - 1104
-	-	-	Elongation in %	2 - 50
-	-	-	Reduction of Area in %	50 - 75
-	-	-	Hardness in HRC	60 - 96
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
F467 Ni400	ASTM	USA	Sheet, Strip and Plate
F468 Ni400HF	ASTM	USA	Sheet, Strip and Plate
SF467 Ni400	ASME	USA	Sheet, Strip and Plate
SF-468 Ni400	ASME	USA	Sheet, Strip and Plate
SF-468 Ni400HF	ASME	USA	Sheet, Strip and Plate
NCuR	JIS	Japan	Strip
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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